

a database is divided by the image data generating
apparatus 33 into moving image data, still image data,
text data, figure information, and icon and window
data, the data is subjected to a predetermined coding
5 process, and the resultant data is inputted to the
radio interface 32. The image data is inputted from
the parent device radio interface 32 to the child
device radio interface 2 and is inputted to
predetermined signal processing systems in accordance
10 with the kinds of the data. That is, the moving image
data is converted to a video signal by the moving
image decoder 3, which is supplied to the write signal
generating circuit 17 via the moving image write line
4. The still image is converted to video signals by
15 the still image decoder 5. After that, the video
signal is once written in the still image memory 6.
The still image data is sequentially inputted to the
write signal generating circuit 17 via the still image
writing line 7 at predetermined timings. The text data
20 and the figure information are once stored in a text
code form or the like in the text code memory 8. The
text data and the figure information is sequentially
read by the outline font generating circuit 9 at a
predetermined timing and is converted into still image
25 data. After that, the still image data is inputted to

the write signal generating circuit 17 via the text
writing line 11. The icon and window data is once
stored in a state of a data code and image address
data into the icon/window address memory 12. The icon
5 and window data is sequentially read by the
icon/window generating circuit 13 at a predetermined
timing and is converted to still image data. After
that, the still image data is inputted to the write
signal generating circuit 17 via the icon/window
10 writing line 15.

The reading operation of data from the still image
memory 6, the text code memory 8, and the icon/window
address memory 12 is controlled by the timing
generating circuit 20 as will be described hereinlater.
15 Changes in the position and shape of the icon and the
window are detected by the icon/window position
detecting circuit 16. When those changes are detected,
the icon/window position detecting circuit 16
interrupts the inputting operation of the still image
20 data controlled by the timing generating circuit 20 to
the write signal generating circuit 17 and writes
still image data to display pixel addresses of a part
in which the position or shape of the icon and the
window is changed.

25 The write signal generating circuit 17 sends a

write signal to the display pixel array 18 on the basis of inputted image data, which will be described hereinlater with reference to Fig. 2. The display pixel array 18 has the touch sensor. Address information instructed by the tip of a finger or the like is inputted to the touch sensor output generating circuit 19 and to the image data generating apparatus 33 via the radio interfaces 2 and 32 and a command of the operator is transmitted.

10 The operation of the display pixel array 18 will be described with reference to Fig. 2.

 The write signal generating circuit 17 divides the image data into a moving image and a still image and outputs data and addresses of each of the images. The data of the moving image is supplied to the moving image signal output circuit 43 and the address of the moving image is outputted to the moving image vertical direction selecting circuit 52 and the moving image horizontal direction selecting circuit 44. The data of the still image is outputted to the still image signal output circuit 41 and the address of the still image is outputted to the still image vertical direction selecting circuit 51 and the still image horizontal direction selecting circuit 42.

25 When an image signal is written in the display